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# **Refine Search**

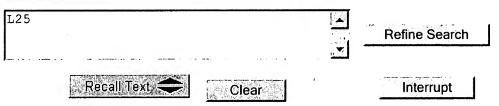
#### Search Results -

Terms	Documents
L21 and (treating same (corn or millet or sorghum))	1

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:



### **Search History**

DATE: Monday, October 22, 2007 Purge Queries Printable Copy Create Case

Set Name side by side	Query .	<u>Hit</u> Count	Set Name result set
DB	=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L25</u>	L21 and (treating same (corn or millet or sorghum))	1	<u>L25</u>
<u>L24</u>	L1 and (treating same (corn or millet or sorghum))	2	<u>L24</u>
<u>L23</u>	L1 and "treating grain"	1	<u>L23</u>
<u>L22</u>	L21 and (starch or feedstock)	8	<u>L22</u>
<u>L21</u>	L20 and (("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea") near (corn or millet or grain or sorghum))	42	<u>L21</u>
	L19 and (("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-		

WEST Refine Search Page 2 of 3

diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "thiourea")  L17 and (("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea") near (corn or millet or sorghum)  L17 L16 and (starch or feedstock)  L15 and (corn or millet or sorghum)  ("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea")  L15 L16 L17 and (corn or millet or sorghum)  (Formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "dimethyl sulfide" or "thiourea")  L16 L17 and (corn or millet or sorghum)  (Formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, thiourea, methyl mercaptan, 2-mercaptoethanesulfonic acid, 3-mercapto-1-propanol, 1-mercaptoethanesulfonic acid,		<u>L19</u>
thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea") near (corn or millet or sorghum))  L17 L16 and (starch or feedstock)  L16 L15 and (corn or millet or sorghum)  ("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea")  L13 and (corn or millet or sorghum)  (formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, thiourea, methyl mercaptan, 2-mercaptoethanesulfonic acid, 3-mercapto-1-propanol, 1-propanethiol, 2-propanethiol, thiolactic acid, thioglycerol, butyl mercaptan, 3857	1	<u>L18</u>
L16 L15 and (corn or millet or sorghum)  ("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea")  L14 L13 and (corn or millet or sorghum)  (formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, thiourea, methyl mercaptan, 2-mercaptoethanesulfonic acid, 3-mercapto-1-propanol, 1-propanethiol, 2-propanethiol, thiolactic acid, thioglycerol, butyl mercaptan,		
("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1- propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea")  L14 L13 and (corn or millet or sorghum) (formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, thiourea, methyl mercaptan, 2-mercaptoethanesulfonic acid, 3-mercapto-1-propanol, 1- propanethiol, 2-propanethiol, thiolactic acid, thioglycerol, butyl mercaptan,	56	<u>L17</u>
"methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea")  L13 and (corn or millet or sorghum)  (formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, thiourea, methyl mercaptan, 2-mercaptoethanesulfonic acid, 3-mercapto-1-propanol, 1-propanethiol, 2-propanethiol, thiolactic acid, thioglycerol, butyl mercaptan,	57	<u>L16</u>
(formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, thiourea, methyl mercaptan, 2-mercaptoethanesulfonic acid, 3-mercapto-1-propanol, 1-propanethiol, 2-propanethiol, thiolactic acid, thioglycerol, butyl mercaptan,	34	<u>L15</u>
(formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, thiourea, methyl mercaptan, 2-mercaptoethanesulfonic acid, 3-mercapto-1-propanol, 1-propanethiol, 2-propanethiol, thiolactic acid, thioglycerol, butyl mercaptan,	90	<u>L14</u>
thiocyanate, mercaptoethanol, bis(2-mercaptoethyl)sulfone, dithiothreitol, formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, and thiourea)	<del>)</del> 0	<u>L13</u>
L12 L9 and ((thiosulfate or dithionite) same (starch or feedstock))	7	<u>L12</u>
L11 L8 and ((thiosulfate or dithionite) same (starch or feedstock))	17	<u>L11</u>
L8 and ((thiosulfate or dithionite) near (grain or corn or millet or sorghum))	0	<u>L10</u>
L9 L8 and ((thiosulfate or dithionite) same (grain or corn or millet or sorghum))	8	<u>L9</u>
L8 L6 and (starch near (producing or making))		<u>L8</u>
L7 L6 and (starch same (producing or making))	37	<u>L7</u>
<u>L6</u> L5 and (thiosulfate or dithionite)	37 49	
<u>L5</u> (corn or millet or sorghum or wheat or grain) 705	49	<u>L6</u>

# DB=USPT; PLUR=YES; OP=OR L4 L3 and (corn or millet or sorghum) 1 L4 L3 L2 and (thiosulfate or dithionite) 1 L3 L2 ("4208433"|"4338343"|"5067982"|"6190723"|"6287620").PN. 5 L2 L1 ("4208433"|"4338343"|"5067982"|"6190723"|"6287620").PN. 5 L1

#### END OF SEARCH HISTORY

# **Refine Search**

#### Search Results -

Terms	Documents
L21 and (treating same (corn or millet or sorghum))	1

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:



## **Search History**

DATE: Monday, October 22, 2007 Purge Queries Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> <u>Count</u>	Set Name result set
DB	=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L25</u>	L21 and (treating same (corn or millet or sorghum))	1	<u>L25</u>
<u>L24</u>	L1 and (treating same (corn or millet or sorghum))	2	<u>L24</u>
<u>L23</u>	L1 and "treating grain"	1	<u>L23</u>
<u>L22</u>	L21 and (starch or feedstock)	8	<u>L22</u>
<u>L21</u>	L20 and (("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea") near (corn or millet or grain or sorghum))	42	<u>L21</u>
	L19 and (("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-		

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<u>L20</u>	mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea") same (corn or millet or grain or sorghum))	5130	<u>L20</u>
<u>L19</u>	("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea")	161734	<u>L19</u>
<u>L18</u>	L17 and (("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea") near (corn or millet or sorghum))	. 1	<u>L18</u>
<u>L17</u>	L16 and (starch or feedstock)	16956	<u>L17</u>
<u>L16</u>	L15 and (corn or millet or sorghum)	23257	<u>L16</u>
<u>L15</u>	("formamidinesulfinic acid" dithioerytheitol or "dimethyl sulfide" thiourea or "methyl mercaptan" or "2-mercaptoethanesulfonic acid" or "3-mercapto-1-propanol" or "1-propanethiol" or "2-propanethiol" or "thiolactic acid" or "thioglycerol" "butyl mercaptan" or benzenethiol or "benzyl mercaptan" diethyldithiocarbamate or "N-ethyhnaleimide" or thiocyanate or "thioglycolic acid" or mercaptoethanol or "bis(2-mercaptoethyl)sulfone" or "dithiothreitol" or "formamidinesulfinic acid" or "dithioerytheitol" or "dimethyl sulfide" or "thiourea")	161734	<u>L15</u>
L14	L13 and (corn or millet or sorghum)	151790	<u>L14</u>
<u>L13</u>	(formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, thiourea, methyl mercaptan, 2-mercaptoethanesulfonic acid, 3-mercapto-1-propanol, 1-propanethiol, 2-propanethiol, thiolactic acid, thioglycerol, butyl mercaptan, benzenethiol, benzyl mercaptan, diethyldithiocarbamate, N-ethyhnaleimide, thiocyanate, mercaptoethanol, bis(2-mercaptoethyl)sulfone, dithiothreitol, formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, and thiourea)	3857990	<u>L13</u>
L12	L9 and ((thiosulfate or dithionite) same (starch or feedstock))	7	<u>L12</u>
	L8 and ((thiosulfate or dithionite) same (starch or feedstock))	17	<u>L11</u>
<u>L10</u>	L8 and ((thiosulfate or dithionite) near (grain or corn or millet or sorghum))	0	<u>L10</u>
<u>L9</u>	L8 and ((thiosulfate or dithionite) same (grain or corn or millet or sorghum))	8	<u>L9</u>
<u>Ľ8</u>	L6 and (starch near (producing or making))	37	<u>L8</u>
<u>L7</u>	L6 and (starch same (producing or making))	449	. <u>L7</u>
<u>L6</u>	L5 and (thiosulfate or dithionite)	15900	<u>L6</u>
<u>L5</u>	(corn or millet or sorghum or wheat or grain)	705899	<u>L5</u>

DB=USPT; PLUR=YES; OP=OR			
<u>L4</u>	L3 and (corn or millet or sorghum)	1	<u>L4</u>
<u>L3</u>	L2 and (thiosulfate or dithionite)	1	<u>L3</u>
<u>L2</u>	("4208433" "4338343" "5067982" "6190723" "6287620").PN.	5	<u>L2</u>
<u>L1</u>	("4208433" "4338343" "5067982" "6190723" "6287620").PN.	5	<u>L1</u>

## END OF SEARCH HISTORY